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(54) RUBBER COMPOSITION AND TIRE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a rubber composition which is suitable for tire treads for high-speed automobiles and is satisfactory in dry grip properties, resistances to chunk and heat sag, and workability.

SOLUTION: This rubber composition contains 100 pts.wt. rubber component at least containing 20-45 wt.% conjugated diene copolymer having a vinyl bond content in the conjugated diene parts of 40 wt.% or higher and 30-50 wt.% emulsion-polymerization styrene-diene copolymer polymerized by an increment method and 4-10 pts.wt. resin having a softening point of 90-120° C, the rubber component containing 80 wt.% or higher styrene-butadiene copolymer. Preferably, the rubber component comprises a styrene-butadiene copolymer alone. Preferably, the composition contains a carbon black having a nitrogen adsorption specific surface area (N2SA) of 140-160 m2 and a dibutyl phthalate absorption of 120-150 ml/100 g. Preferably, the resin comprises at least one resin selected from among 5C and 9C petroleum resins.

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